

ER-2 #809 11/22/13

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 14-9006

Payload Configuration: HypsIRI - AVIRIS & MASTER

Nav Data Collected: Yes

Total Flight Time: 5.2 hours

Submitted by: Chris Miller on 11/26/13

Flight Segments:

| | | | |
|--------------------|--|---------|------------------|
| From: | PMD | To: | PMD |
| Start: | 11/22/13 17:25 Z | Finish: | 11/22/13 22:37 Z |
| Flight Time: | 5.2 hours | | |
| Log Number: | 142016 | PI: | Robert Green |
| Funding Source: | Woody Turner - NASA - SMD - ESD Biological Diversity | | |
| Purpose of Flight: | Science | | |
| Comments: | This HypsIRI flight accomplished about 70% of the Bay Area East Box. Unfortunately, clouds from a weather system that had moved in the previous day failed to move out as predicted. The southern portion of the north/south pattern was obscured and will have to be flown another day. Master and AVIRIS functioned well. The aircraft returned with a maintenance issue that will need to be repaired before the next flight. | | |

Flight Hour Summary:

| | 142016 | 152020 |
|----------------------------------|--------|--------|
| Flight Hours Approved in SOFRS | 120 | |
| Flight Hours Previously Approved | | 1 |
| Total Used | 119 | 1 |
| Total Remaining | | 0 |

152020 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 10/06/14 | 15-6001 | Science | 1 | 1 | 0 | |

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_11_22_13#comment-0

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NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

142016 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining | Miles Flown |
|--------------------------|---------|-------------------|----------|---------------|-----------------|-------------|
| 11/17/13 | 14-9005 | Science | 2 | 2 | 118 | |
| 11/22/13 | 14-9006 | Science | 5.2 | 7.2 | 112.8 | |
| 11/25/13 | 14-9007 | Science | 5.1 | 12.3 | 107.7 | |
| 12/04/13 | 14-9012 | Science | 4.9 | 17.2 | 102.8 | |
| 12/05/13 | 14-9013 | Science | 4.6 | 21.8 | 98.2 | |
| 04/07/14 | 14-6030 | Science | 5.8 | 27.6 | 92.4 | |
| 04/10/14 | 14-6031 | Science | 5.2 | 32.8 | 87.2 | |
| 04/14/14 | 14-6032 | Science | 8 | 40.8 | 79.2 | |
| 04/16/14 | 14-6033 | Science | 6 | 46.8 | 73.2 | |
| 04/18/14 | 14-6034 | Science | 4 | 50.8 | 69.2 | |

| | | | | | |
|---|---------|---------|-----|-------|------|
| 04/28/14 | 14-6037 | Science | 7.6 | 58.4 | 61.6 |
| 05/07/14 | 14-6038 | Science | 6.9 | 65.3 | 54.7 |
| 05/29/14 | 14-6041 | Science | 6.7 | 72 | 48 |
| 06/02/14 | 14-6043 | Science | 5.1 | 77.1 | 42.9 |
| 06/03/14 | 14-6044 | Science | 6.3 | 83.4 | 36.6 |
| 06/04/14 | 14-6045 | Science | 5.8 | 89.2 | 30.8 |
| 06/13/14 | 16-6048 | Science | 7.7 | 96.9 | 23.1 |
| 08/26/14 - 08/27/14 | 14-9039 | Science | 7.8 | 104.7 | 15.3 |
| 08/28/14 | 14-9040 | Science | 3.7 | 108.4 | 11.6 |
| 08/29/14 | 14-9041 | Science | 5.1 | 113.5 | 6.5 |
| 09/19/14 | 14-6065 | Science | 5.5 | 119 | 1 |